

Utility Patent Application Serial Number 10/561,162  
Preliminary amendment

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Original) A method for preventing or attenuating atrial fibrillation (AF) promotion by atrial tachycardia in a subject comprising the administration of a therapeutically effective amount of a HMG-CoA reductase inhibitor.
2. (Original) A method as defined in claim 1, wherein said HMG-CoA reductase inhibitor is effective against longer-term atrial tachycardia remodeling.
3. (Original) A method as defined in claim 2, wherein said longer-term is greater than 24 hours.
4. (Currently amended) A method as defined in claim 2 ~~any one of claims 1-3~~, wherein said HMG-CoA reductase inhibitor is selected from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eptastatin, mevinolin, and synvinolin.
5. (Original) A method as defined in claim 4, wherein said HMG-CoA reductase inhibitor is simvastatin (Zocor®).
6. (Currently amended) A method as defined in claim 4 ~~any one of claims 1-5~~, wherein said HMG-CoA reductase

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inhibitor is administered in an amount of about 0.1-2 mg/day.

7. (Original) A method as defined in claim 6, wherein said subject is a mammal.

8. (Original) A method as defined in claim 7, wherein said mammal is human.

9. (Original) A method of preventing atrial fibrillation (AF) by substrate modification comprising the step of administering to a subject in need thereof a therapeutically effective amount of a statin drug.

10. (Original) A method as defined in claim 9, wherein said statin drug is chosen from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eptastatin, mevinolin, and synvinolin.

11. (Original) A method as defined in claim 10, wherein said statin drug is simvastatin (Zocor®).

12. (Currently amended) A method as defined in claim 10 ~~any one of claims 9-11~~, wherein said statin drug is administered in an amount of about 0.1-2 mg/day.

13. (Original) A method as defined in claim 12, wherein said subject is a mammal.

14. (Original) A method as defined in claim 13, wherein said mammal is human.

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15. (Original) A method of attenuating atrial tachypacing (ATP) effects on effective refractory period (ERP) in right atrium (RA) appendage, posterior wall and inferior wall comprising the step of administering to a subject in need thereof a therapeutically effective amount of a statin drug.

16. (Original) A method as defined in claim 15, wherein said statin drug is chosen from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eplastatin, mevinolin, and synvinolin.

17. (Original) A method as defined in claim 16, wherein said statin drug is simvastatin (Zocor®).

18. (Currently amended) A method as defined in claim 16 ~~any one of claims 15-17~~, wherein said statin drug is administered in an amount of about 0.1-2 mg/day.

19. (Original) A method as defined in claim 18, wherein said subject is a mammal.

20. (Original) A method as defined in claim 19, wherein said mammal is human.

21. (Currently amended) A method for modulating use of a statin drug to modulate atrial tachycardia-induced effects on CaV1.2 protein expression, said method comprising the step of administering to a subject an effective amount of a statin drug.

22. (Currently amended) A method as ~~use as~~ defined in

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claim 21, wherein said statin drug is chosen from the group consisting of: atorvastatin (Lipitor®), cerivastatin (Baycol®), fluvastatin (Lescol®), lovastatin (Mevacor®, Altocor®), pravastatin (Pravachol®), simvastatin (Zocor®), epistatin, eplastatin, mevinolin, and synvinolin.

23. (Original) A method as defined in claim 22, wherein said statin drug is simvastatin (Zocor®).

24. (Currently amended) A method as defined in claim 22 ~~any one of claims 21-23~~, wherein said statin drug is administered in an amount of about 0.1-2 mg/day.

25. (Currently amended) A method as defined ~~use defined~~ in claim 24, wherein said subject is a mammal.

26. (Currently amended) A method ~~use as~~ defined in claim 25, wherein said mammal is human.